



CARVER (COLLEGE OF MEDICINE)'S RURAL IOWA SCHOLARS PROGRAM (CRISP)



Victoria Sharp, MD
Director, CRISP
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CRISP ...

Specialties in: Internal Medicine, General Surgery, Family Medicine, Pediatrics, Psychiatry

*Attract, educate and inspire
future physicians who will help
Iowa meet its need for health
care in rural* areas of the state.*

*rural = town of <26,000 and 20+ miles from city of 50,000

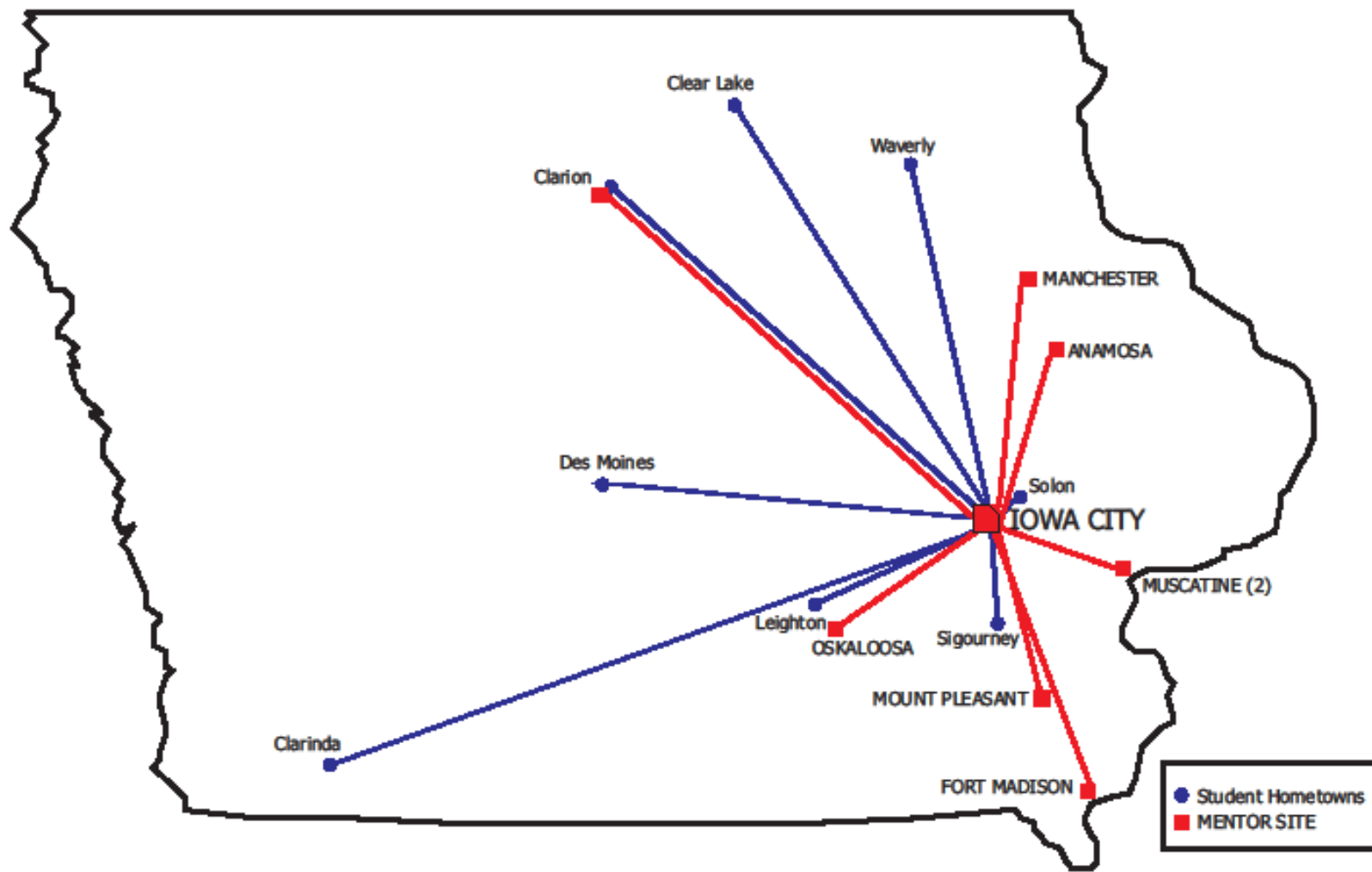


CRISP ADVISORY GROUP

- ✖ **George Bergus**, MD, Family Medicine, UIHC
- ✖ **Natisha Busick**, MD, General Surgery, Knoxville
- ✖ **Philip Caropreso**, MD, General Surgery, Keokuk
- ✖ **Peter Kaboli**, MD, Internal Medicine, UIHC, VAMC
- ✖ **Mike Reige**, Administrator, Virginia Gay Hospital, Vinton
- ✖ **Larry Severidt**, MD, Family Medicine, Broadlawns
- ✖ **Donald Skinner**, MD, Family Medicine, IAFP, Ames
- ✖ **Robert Weis**, MD, Internal Medicine, Muscatine
- ✖ **Victoria Sharp**, MD, CRISP Director
- ✖ **Christopher Cooper**, MD, Associate Dean, OSAC
- ✖ **Mary Spreen**, Manager, M1 Curriculum, OSAC
- ✖ **Kathi Huebner**, Director of Admissions, CCOM
- ✖ **Hugh Hansen**, Associate Director, OSAC
- ✖ **Penny Rembolt**, Financial Services, OSAC
- ✖ **Roger Tracy**, Assistant Dean OSCEP

CARVER RURAL IOWA SCHOLARS PROGRAM

Student Hometowns and Location of Mentors



PROGRAM DESCRIPTION

- ✖ Rural elements embedded in 4-years of medical curriculum
 - + Mentorships, seminars, research, electives, clerkships, retreat
- ✖ Practice in rural Iowa for at least 5 years after completing residency in Iowa

COMMUNITY CONNECTIONS

- ✖ Shadowing

- + 1 week summer before 1st semester
- + 2 days in 2nd semester

- ✖ Mentor

- + Monthly interaction; in-person 2x/ year

- ✖ Medical Education in Community Orientation

- + 1st summer; 4-12 weeks
- + Iowa community hospital

- ✖ Field Experience

- + 2nd summer; 3 days
- + Includes common public health concerns in rural medicine

FIELD EXPERIENCE- RETREAT

✖ Topics

- + Infection
- + Trauma – types and sources
- + Patient education



✖ Activities

- + Farm tour
- + State Hygienic Lab (air and water quality)
- + Community Life, town festivals (Lewis and Clark Festival, Onawa, IA)
- + Rural Health and Safety Clinic, Johnson County

CLASSROOM RELEVANCE

- ✖ Small group sections – Medicine and Society I
- ✖ Relevant courses
 - + Rural Health and Agricultural Medicine – 1st summer
 - + Telemedicine elective – 4th year
- ✖ Seminar series
 - + 4x/year
 - + Rural Medicine Interest Group seminars

CLINICAL EXPERIENCE

✕ Continuity of Care

- + 2nd, 3rd, and 4th years
- + Introduce student to community life, health systems and rural cultures.

✕ Clerkships in Rural sites

- + 3rd year: 4-weeks each in Primary Care and Family Medicine
- + 4th year: 4-week rural medicine elective

✕ Breadth of Knowledge

- + 3rd year: Selectives in Dermatology, Ophthalmology, Radiology, Urology, Electrocardiography, Laboratory Medicine

MEDICAL KNOWLEDGE

- ✖ Capstone-Community based research project
 - + Start in 2nd year
 - + Continues in year 3 and 4
 - + Presentation in 4th year



PROFESSIONAL CONNECTIONS

- ✕ State or National Conference participation
 - + 4th year (encouraged in all years)
 - + Research projects submitted for poster sessions or presentations



INCENTIVES AND OBLIGATIONS

✖ Financial Aid

- + State of Iowa Loan Repayment Program- passed by legislature 2012 (limited funds)
- + CCOM Loan Repayment program

✖ Obligations

- ✖ Be selected for and participate in CRISP x 4 years
- + Practice in rural town in Iowa for 5 years after completing residency training

Year	M Year Specific Activities	All Years	Years 2 - 4
Pre 1	Shadow	Mentorship Rural Medicine Interest Group Seminars Research Project	
1	Shadow Small Group MECO Field Experience		
2	Rural health course		Continuity of Care
3	Clerkships: Primary Care Family Medicine Selectives: Dermatology Ophthalmology Radiology Urology Electrocardiography Laboratory Medicine		
4	Clerkship: Rural Medicine Conference Telemedicine Course		

ADMISSION

- ✖ Fall 2012 – first group admitted (4)
- ✖ Fall 2013 – second group admitted (4)
- ✖ Criteria
 - + Prior exposure to rural life
 - + Commitment to practice medicine in Iowa
 - + Understanding of roles and responsibilities of a rural physician
 - + Personal characteristics

CCOM LOAN REPAYMENT PROGRAM

- ✖ Match into Residency program in Iowa
 - ✖ \$20,000 in January of Intern year
 - ✖ \$16,000 /yr x 5 years for practicing in rural area in Iowa
- ✖ Match into Residency program out of state
 - ✖ \$20,000/yr X 5 years for practicing in rural area in Iowa

PROGRAM ASSESSMENT

✕ Effectiveness

+ Quantitative data:

- ✕ Recruitment and retention of rural physicians in Iowa
- ✕ Vacancy rates of physicians in rural communities
- ✕ Placement rates of CCOM graduates:
 - ✱ Careers relevant for rural communities
 - ✱ Residency in Iowa
 - ✱ Practice in rural areas

+ Survey CCOM medical students in CRISP:

- ✕ Interest in specialty relevant to rural areas
- ✕ Interest in practice in Iowa
- ✕ Interest in rural practice

PROGRAM ASSESSMENT

✕ Program Quality

- + Feedback from student participants regarding program activities and content

✕ Mentor Program

- + Feedback from students regarding mentorship program activities
- + Feedback from mentors regarding mentorship program activities

CURRENT STATUS

✖ Application

- ✖ Admission process for third class will begin Spring 2014

✖ Mentors

- + Currently 8 mentors – one for each student

✖ Curriculum

- ✖ Designing field experience

CRISP 1 (CLASS OF 2012)

- ✖ All completed MECO with current mentors.
- ✖ All have leadership roles in their Learning Community or student organizations.
(McCowen Learning Community, Internal Medicine Interest Group, Rural Medicine Interest Group)

QUESTIONS?
